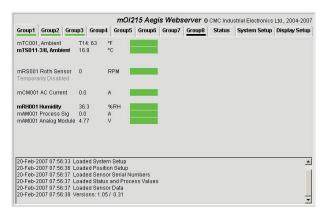
## mOl215 Controller (WS1)

## 24 VDC FTHERNET

The mOl215 Operator Interface (WS1) utilizes web server technology to display up to 256 sensors on your desktop PC. No additional software is required. The sensors are displayed using a tabbed page format. Setup includes sensor names and tab names for simplified organization of the data. Up to four alarms for each sensor can be entered. The unit has both external contact and e-mail alerts. The Interface can service up to 8 Bus Converters, single-wire to Modbus RTU, over an RS485 network. Each Bus Converter can process 32 sensors. Bus Converters are available for both Industrial/Commercial and Intrinsically Safe hazardous area environments. The wiring system is fully specified and includes field interconnect components. In addition to the web server, the Interface has a Modbus TCP/IP Slave interface for connection to remote PLC and computer systems. The unit is provided in a compact wall mount enclosure.



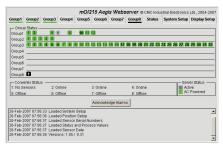


- MONITORS UP TO 256 DIGITAL SENSORS WITH 1 SECOND UPDATE TIME
- USES WEB BROWSER INTERFACE FOR SETUP AND DISPLAY, NO SOFTWARE REQUIRED
- TRANSPARENT MAPPING OF SENSORS TO DISPLAY POSITIONS, AUTOMATICALLY REMAPS MOVED SENSORS
- VALUES CAN BE DISPLAYED IN SI, ENGLISH, OR USER-CONFIGURABLE UNITS
- UP TO 4 SETPOINTS FOR EACH SENSOR. ABSOLUTE OR REFERENCED TO A SECOND SENSOR
- COLORED TABS IMMEDIATELY INDICATE SENSOR STATUS IN EACH GROUP
- E-MAIL ALARM ALERTS COMPLETE WITH USER ASSIGNED SENSOR DESCRIPTIONS
- DRY CONTACT OUTPUTS FOR HORN AND EXTERNAL ALARM WITH ACKNOWLEDGE INPUTS
- FULL DISPLAY OF PROCESS VALUES, ALARMS AND WARNINGS, BUS CONVERTER AND SENSOR STATUS
- 32 CHANNELS OF DATA LOGGING ASSIGNABLE TO ANY SENSOR WITH BUILT IN GRAPHING
- EASY CONFIGURATION OF SENSOR NETWORK, JUST PICK THE SERIAL NUMBER FROM AN AUTOMATICALLY ACQUIRED TABLE
- AUTOMATIC DETECTION OF BUS CONVERTERS ON MOBILE PLATFORMS SUCH AS TRIPPERS OR BARGES
- UTILITY AVAILABLE FOR BACKUP AND RESTORATION OF SETUPS
- MODBUS TCP/IP INTERFACE SIMPLIFIES INTEGRATION WITH PLANT AUTOMATION SYSTEMS
- LOW POWER OPERATION WITH BATTERY BACKUP

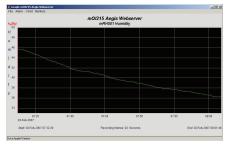


## mOl215 Controller (WS1)

## 24VDC ETHERNET







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Group1	Group2	Group3	Group4	Group5	Groupe	Group7	Group8	Status	System Setup	Display Setup	
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Group:	Group	5 Group6	Group6	Group7	Group7	Group8 G	oup8	Enable Hor		Imperial [	
- Emai	1	1,000,000,000						Internet			
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Email 1 email@cmo			ciel.com	Il.com					255.255.255.0		
Email	2	pager@pager.net						DNS 1 192.168.1.1 DNS 2 192.168.1.1 Gateway 192.168.1.1			
Email	From segis@rmciel.com Interval 30 minutes  Enable Email				-1						
Email											
Save	e	Clear	Acq	uire Senso	ors	Reset Ser	rer	Clear Even	ds User A	dmin	
0-Feb-2	007 07:5	6:33 Load	ed System	Setup							
		6:36 Load 6:37 Load								-	
		56:37 Load				18					
		6:37 Load									
0-Feb-2	007 07:5	6:38 Versi	ons: 1.05.	0.31						_	

Specifications	Description	Characteristic			
Power Supply	Voltage	16 — 20VAC or 20 - 28VDC			
	Current	400mA @ 24VDC (includes sensor network)			
Supervisory Inputs	Voltage	24VDC			
	Current	20mA			
Supervisory Contacts	Voltage	32VDC, 120VAC			
	Current	1.0A @ 24VDC, 0.5A @ 120VAC Resistive			
Bus Converter Communication	Standard	RS485 differential			
	Distance	1640ft (500m)			
	Input Load	12kΩ standard			
	Termination	120 $Ω$ balanced line			
Modbus Slave PLC Port	Standard	RJ-45 Ethernet Modbus TCP/IP			
Environment	Temperature	-40°F to +158°F (-40°C to +70°C)			
	Relative Humidity	0 to 95% non condensing			
Dimensions	Height	10.00" (254mm)			
	Width	8.4" (214mm)			
	Depth	3.25" (83mm)			

MOI215 DS A00

